

SECTION 1 - IDENTIFICATION

Product identifier/Trade name: SANIBLEND 256

Other means of identification: S256L

Recommended use: CLEANER, DISINFECTANT, DETERGENT, DEODORIZER, FUNGICIDE, MILDEWSTAT

Restriction on use: For hospital, industrial/institutional and food plant use only

Initial supplier identifier: Chemotec (PM) Inc.
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Anjou, Quebec, Canada H1J 1Z2
Phone: (514) 729-6321; 1-800-729-6321

Emergency phone number: (613) 996-6666 (CANUTEC)

SECTION 2 - HAZARDS IDENTIFICATION

2a WHMIS 2015 - GHS (Globally Harmonized System) classification:

This product is regulated under the Food and Drug Regulations and is not regulated by WHMIS.

2b Label elements:

Hazard Pictogram:



Signal word: Danger

Hazard statements:

Toxic if ingested.
Harmful if swallowed.
Causes severe skin burns and eye damage.

PRECAUTIONIONARY STATEMENT:

KEEP OUT OF REACH OF CHILDREN. CAUTION– CORROSIVE.

Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

TOXIC. Contents harmful. Do no swallow. Harmful or fatal if swallowed. Avoid contamination of food.

Safety Data Sheet: SANIBLEND 256

FIRST AID:

In case of contact, immediately flush eyes, or skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed, drink large quantities of water. Avoid alcohol. Call a physician or poison control center immediately. Take container, label or product name and Drug Identification Number with you when you seek medical attention.

NOTICE TO PHYSICIAN: Potential mucosal damage may contraindicate use of gastric lavage.

Warning statement: See under precautionary statement.

Hazard statement: See under precautionary statement.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Alcohol ethoxylate	68131-39-5	1.0-5.0	Eye irritation, category 2 Skin irritation, category 1B
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	7.0-10.0	Oral toxicity, acute, category 4 Serious eye damage - category 1
Octyl decyl dimethyl ammonium chloride	32426-11-2	4.0-7.0	Skin irritation, category 2 Oral toxicity, acute, category 4 Serious eye damage - category 1
Didecyl dimethyl ammonium chloride	7173-51-5	1.0-5.0	Skin irritation, category 2 Oral toxicity, acute, category 3 Serious eye damage - category 1
Dioctyl dimethyl ammonium chloride	5538-94-3	1.0-5.0	Skin irritation, category 1 Oral toxicity, acute, category 4 Serious eye damage - category 2A
Ethanol	64-17-5	2	Flammable liquid – category 3

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures:

Eye contact: Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, call a physician or poison control center.

Skin contact: Take off contaminated clothing. Wash with plenty of water for 15-20 minutes. If skin irritation occurs call a physician or poison control center. Wash contaminated clothing before reuse.

Inhalation: Bring the person to fresh air. If the person is not breathing, call 911 or an ambulance and give artificial respiration, preferably mouth-to-mouth, if possible.

Safety Data Sheet: SANIBLEND 256

Ingestion: If conscious, give plenty of water. Never give anything by mouth if the person is unconscious. Do not induce vomiting. Call a physician or poison control center immediately. Take container, label or product name and Drug Identification Number with you when you seek medical attention.

4b Most important symptoms and effects:

Eye: May cause severe burns which can be serious if not rinsed quickly.

Skin: Short-term direct contact may cause burns that may be serious if not rinsed promptly.

Inhalation: Irritation of the respiratory tract

Ingestion: May cause severe irritation and burns of the digestive tract.

4c Immediate medical attention and special treatment needed.

See the doctor's notice in section 2.

SECTION 5 - FIRE FIGHTING MEASURES

5a Extinguishing media:

Suitable extinguishing media: Water (if possible, avoid powerful jets), foam, dry chemicals, carbon dioxide. Product itself is not flammable.

Unsuitable extinguishing media: None known.

5b Specific hazards for product:

Hazardous combustion products: Oxides of carbon, nitrogen, and other irritating gases.

5c Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment: During a fire, irritating and toxic smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating and toxic products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, Protective equipment, and emergency procedures:

Personal protection: Avoid contact with eyes and skin. Avoid breathing mist from the product. Do not ingest. Provide aeration and sufficient ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material and place in waste container for destruction. Resume cleaning by rinsing with water. Caution: floors will be very slippery.

6c Environmental precautions: Product is biodegradable. Do not let large quantities go to the sewers.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for safe handling:

Avoid contact with eyes. See section 2 for details.

7b Condition for safe storage:

Store in a sealed container in a well-ventilated place. Do not store with food products. Keep from freezing.

7c Special packaging materials:

none.

Keep away from peroxide and bleach. No incompatibility with most materials found in most workplaces.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters:

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations
Ethanol	1000 ppm	None established	

8b Engineering controls:

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower recommended when handling this product.

8c Individual protection measures:

Respiratory Protection: Not required.

Skin protection and other protective equipment: Waterproof boots for large spills. Rubber gloves. Wear chemical resistant protective clothing.

Eye / face protection: Wear safety glasses with side shields and a face shield in case of possible contact. See section 2.

General hygiene considerations: **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with eyes. Avoid contact with skin. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor:	Uncolored liquid, lemon scent
Odor threshold:	N/Av
pH:	7-8
Melting point and freezing point:	Approximately 0°C
Boiling point:	Approximately 100°C
Flash point:	≥90°C
Evaporation rate (n-BuAc =1):	0.4 (water)
Lower flammable limit (% by volume):	N/Av

Safety Data Sheet: SANIBLEND 256

Upper flammable limit (% by volume):	N/Av.
Explosion data - Sensitivity to mechanical impact:	Not sensitive
Explosion data - Sensitivity to static discharge:	Not sensitive
Vapour pressure (mm Hg)	20 mm Hg (water)
Vapour density:	0.6 (water)
Specific gravity or density (water = 1 at 4 °C):	1.0 g/cm ³ @ 20°C
Solubility in water:	Miscible
Partition coefficient – n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature	Not available
Viscosity:	<100 cps @ 25°C

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity:

Not applicable.

10b Chemical stability:

Stable at room temperature, in normal handling and storage conditions.

10c Possibility of hazardous reactions:

May react with strong acids and strong oxidizing agents.

10d Conditions to avoid:

Avoid contact with strong acids and strong oxidizing agents.

10e Incompatible materials:

Strong acids and strong oxidizing agents.

10f Hazardous decomposition products:

Carbon oxides, nitrogen oxides, ammonia, and other irritant gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye, skin, and ingestion.

Eye: May cause severe burns which can be serious if not rinsed quickly.

Skin: Short-term direct contact may cause burns that may be serious if not rinsed promptly.

Inhalation: Irritation of the respiratory tract

Ingestion: May cause severe irritation and burns of the digestive tract.

Carcinogenicity: No ingredient listed by IARC as a possible carcinogen.

Teratogenicity, mutagenicity, other reproductive effects: Not available

Skin sensitization: Not available

Respiratory tract sensitization: Not available

Synergistic materials: Not available

Other important hazards: Not available

Safety Data Sheet: SANIBLEND 256

Toxicological data: The calculated LD50 for this product is greater than 1,000 mg/Kg, (oral, rat) and greater than 5,000 mg/kg (dermal, rabbit).

Our products are not tested on animals.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity:

Not available

12b Persistence and degradability:

Product is biodegradable.

12c Bioaccumulation potential:

Not available

12d Mobility in soil:

Not available.

12e Other adverse effect:

No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 - DISPOSAL CONSIDERATIONS

Avoid contamination of food. Rinse the emptied container thoroughly. Make the empty container unsuitable for further use. Dispose of the container in accordance with municipal, provincial, and territorial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada:

UN number: DOT, IMG, IATA UN2920

Proper shipping name:

DOT + TDG: Corrosive liquid, n.o.s. (Didecyldimethylammonium chloride, Alkyl(C12-16) Dimethylbenzylammonium chloride)

IMDG, IATA: Corrosive liquid n.o.s. (Didecyldimethylammonium chloride, Alkyl(C12-16) Dimethylbenzylammonium chloride)

Class: DOT, IMDG, IATA: Class: 8 Corrosive substances

Identification number: Not applicable

Packing group: DOT, IMDG, IATA: Class: III, Limited Quantity: 4 liters

Special case: Read safety instructions, SDS and emergency procedures before handling.

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contains all the information required by the HPR.

WHMIS Classification: See section 2a

CEPA information: Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision: 2021-09-21

Safety Data Sheet: SANIBLEND 256

References:

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
cps	Centipoises
DSL	Domestic Substance List
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer
LC	Lethal concentration
LD	Lethal Dosage
N/Av	Not available
N/Ap	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHMIS	Workplace Hazardous Materials Information System

End of the SDS